

### REMARKS

The applicants have studied the Office Action dated November 28, 2003. It is submitted that the application is in condition for allowance. Claims 1, 8, 21, 25, 39 and 43 have been amended, and claims 2, 3, 6, 7, 22, 23, 24, 40, 41 and 42 have been canceled without prejudice or disclaimer. Reconsideration and allowance of all of the claims in view of the following remarks are respectfully requested.

Claims 1-6, 21-23, and 39-41 were rejected under 35 U.S.C. 102(b) as being anticipated by Jayakumar et al. (U.S. Patent No. 6,021,458).

Claims 15-18, 32-36, and 48-51 were rejected under 35 U.S.C. 103(a) as being unpatentable over Jayakumar et al.

Claims 19, 37, and 52 were rejected under 35 U.S.C. 103(a) as being unpatentable over Jayakumar et al. in view of Benzel et al. (U.S. Patent No. 5,421,027).

Claims 20, 38, and 53 were rejected under 35 U.S.C. 103(a) as being unpatentable over Jayakumar et al. in view of Muller, Mike (1993) ARM6 a high performance low power consumption macrocell, IEEE pgs 80-87.

The Examiner stated that claims 7, 24 and 42 were objected to as being dependent on rejected base claims, but would be allowable if rewritten in independent form. The limitations of claims 7, 24 and 42 have been added to claims 1, 21 and 39, respectively. Thus claims 1-53 now distinguish over the art of record.

Therefore, it is respectfully submitted that the rejection of claims 1-6, 15-23, 32-41 and 48-53 should be withdrawn.

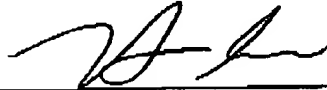
In view of the foregoing, it is respectfully submitted that the application and all of the claims are in condition for allowance. Reexamination and reconsideration of the application are requested.

If there are any fees due in connection with the filing of this response, please charge such fees to our Deposit Account No. 17-0026. If a fee is required for an extension of time under 37 C.F.R. 1.136 not accounted for, such an extension is requested and the fee should also be charged to our Deposit Account. A duplicate copy of this page is enclosed.

Respectfully submitted,

Dated: April 28, 2004  
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